

Columbia River Temperature TMDL Meeting

March 4, 2008

EPA Region 10, 1200 Sixth Avenue, Seattle, Washington

Shoshone Room, 15th Floor

Meeting Objectives

1) Sharing Information on the Existing Draft TMDL

- technical foundation
- policy issues
- conclusions to date

2) Open Dialogue on Options for the TMDL

- technical options
- policy and process options

Attendees

Laurie Mann, EPA

Ben Cope, EPA

Francoise Brasier, EPA - HQ

4. Mike Schneider, USACE - Eng. R+D (The Dalles), Vicksburg, MS, Env. fluid mechanics

* 2. Rudd Turner, USACE - NW Division (Regional) - has 5 Districts - WQ

1. Steve Juul, USACE - WQ Walla Walla

(last) Kent Easthouse, USACE - WQ, Seattle Corps

* 3. Bryan Horsburgh, BOR - Boise - Division office, Program Manager NEPA CWA, Lab

1st Merlynn Bender, BOR - Denver, modeler

5. Jim Britton, USACE - Portland, Districts WQ Lead

Draft Agenda

9:00 Introductions, Objectives, and Agenda (EPA)

9:20 Overview and status of temperature modeling in the basin

9:20 RBM10 Model and its use in the Draft TMDL (EPA)

10:00 CE-QUAL-W2 model of the Snake River (Corps)

10:30 <<BREAK>>

* Policy Liaison

10:40 CE-QUAL-W2 model(s) of Lake Roosevelt (BOR)

11:00 Technical/policy issues in the preliminary draft TMDL

- boundary conditions (tributaries, Dworshak, USA/Canada border)
- target metric (average daily temperature at tailrace)
 - changes to water quality standards since pre-draft TMDL
- allocations to dams
- model uncertainty
- achievability

12:00 << LUNCH >>

1:00 Technical/policy options in a TMDL re-start

- retaining RBM10 framework and analysis method
- updating database, adjusting scenarios, document revisions
- new model
 - model selection issues
 - 1D or 2D
 - # of simulation years
 - geographic scale of TMDL(s))
- choices on handling complexity
 - data handling and interpretation with 2D model grid
 - possible simplifications of approach in original draft
- resources (who does the work and how is it funded?)
- thermal trading

2:00 Big Picture: Will more technical analysis change the bottom line?

2:30 Next Steps

Report to Management Group from this Meeting

3:00 Adjourn